

CLAIMS AMENDMENT

Claims 1-61 (Canceled).

Claim 62 (Previously presented). A method of producing a New Guinea impatiens plant having a flower with at least one petal which exhibits a striped pattern, the method comprising the steps of: treating a New Guinea impatiens plant with a chemical mutagen and selecting a shoot from said plant containing a flower having at least one petal which exhibits a striped pattern.

Claim 63 (Previously presented). The method of claim 62 wherein the New Guinea impatiens plant is a cutting or a whole plant.

Claim 64 (Previously presented). The method of claim 62 wherein the chemical mutagen is ethyl methane sulphonate, methyl methane sulphonate, diethyl sulphate, nitrosoguanidine, ethylnitrosourea or methylnitrosourea.

Claims 65-69 (Canceled).

Claim 70 (Previously presented). A method for altering the color of the petals of a flower of a New Guinea impatiens plant, the method comprising the steps of: treating a New Guinea impatiens plant with electromagnetic radiation or ion beams and selecting a shoot from said plant containing a flower having at least one petal exhibiting an altered color.

Claim 71 (Previously presented). The method of claim 70 wherein the New Guinea impatiens plant is a cutting or a whole plant.

Claim 72 (Previously presented). The method of claim 70 wherein the New Guinea impatiens plant is irradiated with gamma rays, x-rays or ultraviolet rays.

Claim 73 (Previously presented). The method of claim 70 wherein the New Guinea impatiens plant is irradiated with from about 1.5 to about 3.5 krad of electromagnetic radiation or ion beams.

Claims 74-79 (Canceled).

Claim 80 (Previously presented). A method for altering the color of the petals of a flower of a New Guinea impatiens plant, the method comprising the steps of: treating a New Guinea impatiens plant with a chemical mutagen and selecting a shoot from said plant containing a flower having at least one petal exhibiting an altered color.

Claim 81 (Previously presented). The method of claim 80 wherein the chemical mutagen is ethyl methane sulphonate, methyl methane sulphonate, diethyl sulphate, nitrosoguanidine, ethylnitrosourea or methylnitrosourea.

Claims 82-86 (Canceled).